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16th March 1971

Dr. Dan Nathans,
Department of Microbiology,
The John Hopkins University,
725 North Wolfe Street,
Baltimore, Maryland 21205,
U. S. A.

Dear Dr. Nathans,

Many thanks for sending the prep of restriction enzyme. It arrived in good condition a week or so ago. I've assayed it on ¹⁴C-SV40 DNA and it gave only a little less activity than you quoted, based on a 5 minute incubation. I could not, however, get detectable cleavage beyond 10 minutes. The preliminary results suggest that enzyme treated SV40 DNA will be O.K. as a starting point for strand separation. I shall now start to prepare a large batch of the B restriction enzyme so that we can process about 100 µg of DNA. I'll let you know how things progress if the communications systems stay open (your letter of January 25th arrived today - thanks to the postal strike). I hope I can get the project finished by June as I'm scheduled to take up my appointment at Yale in July. If you have any more information on the properties of the restriction enzyme that might be useful I'd be extremely grateful.

Thank you again for sending the enzyme.

Best personal regards.

Yours sincerely,

Dave.

David C. Ward